

Kajiware, M. and Saito, H.
EFFECT OF 2,6-DI-TERT-BUTYL-P-CRESOL ON
THE POLYMERIZATION OF PHOSPHONITRILIC
CHLORIDE TRIMER. Rept. 2 of Studies on Phos-
phonitrilic Chlorides. [1963] 11p 9refs
Order from SLA \$1.60 TT-63-20689

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1963, v. 66,
no. 5, p. 621-624. (Abstract available)

DESCRIPTORS: *Elastomers, *Phosphonitrile
chlorides, Polymerization, Hydrolysis, Reaction
kinetics, Plasticity, *Cresols.

When heated phosphonitrilic chloride trimer (here-
inafter referred to as $(PNC)_3$) turns into inorganic
rubbery substance. This substance is relatively
unstable and liable to be hydrolyzed. In its poly-
merization various organic matters were added, and
among them an excellent result was shown by 2,6-di-
(Materials--Elastomers, TT. v. 11, no. 3) (over)

TT-63-20689

I. Title: 2,6-Di-tert-butyl-
p-cresol

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III. Title: Studies ...

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DESCRIPTORS: *Lymphatic system, *Blood vessels,
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DESCRIPTORS: *Cancer, *Tobacco, Smokes,
Cigarettes, Nicotine, Tar, Toxicity.

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AT - 22Q70J

Trans. of Japanese patent 12,795 (1962) appl. filed
9 Aug 60, appl. no. 32,109 (1960) by Sumitomo
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DESCRIPTORS: *Plastics, Hydrocarbons, Formaldehyde,
Hardening, Processing.

(Materials--Plastics, TTI, v. 10, no. 6)

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- I. Kakiuchi, H.
- II. Naokawa, J.
- III. Patent (Japan) pub. 37-13 795
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A METHOD FOR THE PRODUCTION OF LOW
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RESIN. Feb 64, 5p 2refs
Order from SA \$16.00

SA Code-P-251

Trans. of Japanese patent publication 12543/1962,
cl. 26-D-2 (appl. 25401/1960, filed 27 May 60) pub.
31 Aug 62, by Sumitomo Bakelite Co., Ltd.
(Abstract available)
Another trans. is available from ATS \$5.50 as
ATS-14Q69 [1963] 3p.

DESCRIPTORS: *Formaldehyde, *Benzenes, *Toluenes,
Polymerization.

The invention relates to a method for the production of
low aromatic hydrocarbon-formaldehyde resin, which is
characterized by the reaction of benzene or/and toluene
with formaldehyde polymer in the presence of acid under
a condition as anhydrous as possible. (Author)

TT-64-12569

1. Title: Benzene-
formaldehyde resins
2. Title: Toluene-
formaldehyde resins
- I. Kakiuchi, H.
- II. Sato, H.
- III. Patent (Japan)
pub 37-12543
- IV. SA-Code-P-251
- V. Seizaburo Aoki,
Fujisawa (Japan)

(Materials--Plastics, TT.
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Kakiuchi, Hiroshi and Naokawa, Jun.
A METHOD FOR THE PRODUCTION OF CURED
LOW AROMATIC HYDROCARBON-FORMALDEHYDE
RESIN. Feb 64, 9p
Order from SA \$16.00 SA Code-P-227

Trans. of published Japanese patent 13795/1962,
cl. 26-D-2 (25-H-1) appl. 34109/1960, 9 Aug 60,
pub. 12 Sep 62, by Sumitomo Bakelite Co., Ltd.
Another trans. is available from ATS \$8.00
as ATS-22070] [1963] 5p. (Abstract available)

DESCRIPTORS: *Phenolic plastics, Production,
*Formaldehyde, Benzenes, Toluenes, Amines.

The invention relates to a method for the production of
cured low aromatic hydrocarbon-formaldehyde resin,
which is characterized in that benzene-or toluene-
formaldehyde resin, benzene-toluene-formaldehyde
resin or the mixture of both of the resins was heated
(Materials--Plastics, TT, v. 11, no. 9) (over)

TT-64-12514

1. Title: Benzene-
formaldehyde resins
2. Title: Toluene-
formaldehyde resins
- I. Kakiuchi, H.
- II. Naokawa, J.
- III. Patent (Japan) pub. 37-13795
- IV. SA-Code-P-227
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